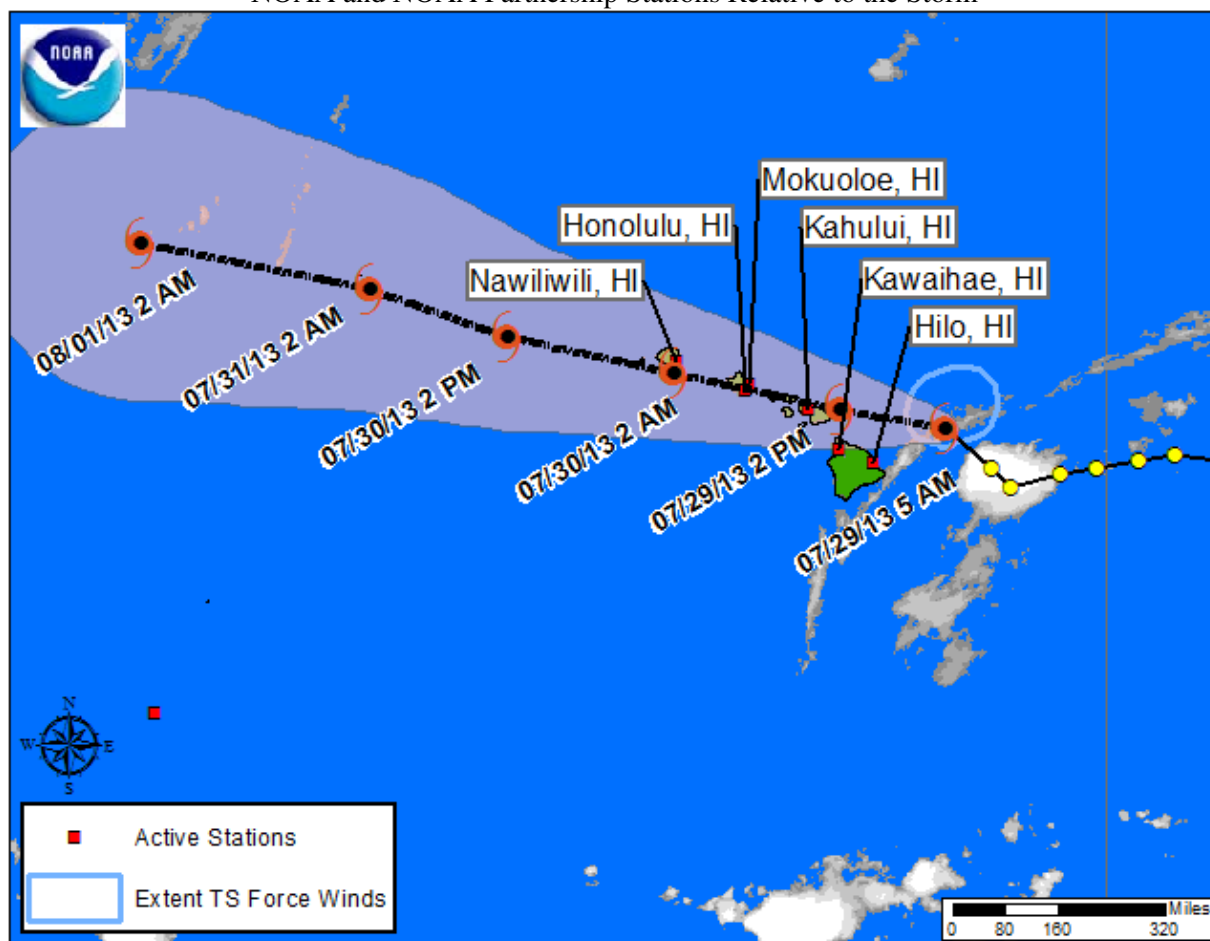




Tropical Storm FLOSSIE QuickLook  
Posted: 06:00 HST 07/29/2013

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 7/29/2013 06:00 HST, water levels in the Hawaiian Islands are generally at or slightly above predicted tide levels. Winds have risen at Hilo, and continue to measure 15 to 20 knots with slightly higher gusts. Across the Hawaiian Islands, winds are generally between 5 and 15 knots. Barometric pressure is falling across the region.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur. Water level predictions relative to Mean Lower Low Water are:

Hilo, Hilo Bay, Kuhio Bay, HI: Next predicted high tides are 1.8 ft (0.56 m) at 07/29/2013 09:36 HST and 1.5 ft (0.46 m) at 07/29/2013 19:46 HST.

Kawaihae, HI: Next predicted high tides are 1.7 ft (0.52 m) at 07/29/2013 10:23 HST and 1.1 ft (0.33 m) at

Tropical Storm FLOSSIE QuickLook, POSTED 06:00 HST 07/29/2013

07/29/2013 21:00 HST.

Kahului, Kahului Harbor, HI: Next predicted high tides are 1.6 ft (0.48 m) at 07/29/2013 09:12 HST and 1.5 ft (0.46 m) at 07/29/2013 18:06 HST.

Mokuoloe, HI: Next predicted high tides are 1.5 ft (0.45 m) at 07/29/2013 10:23 HST and 1.4 ft (0.42 m) at 07/29/2013 17:38 HST.

Honolulu, HI: Next predicted high tides are 1.6 ft (0.50 m) at 07/29/2013 10:44 HST and 1.0 ft (0.30 m) at 07/29/2013 21:18 HST.

Nawiliwili, HI: Next predicted high tides are 1.5 ft (0.46 m) at 07/29/2013 10:36 HST and 1.0 ft (0.29 m) at 07/29/2013 20:07 HST.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst:JK

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SELECT CENTRAL PACIFIC HURRICANE CENTER ADVISORY INFORMATION:

BULLETIN

TROPICAL STORM FLOSSIE ADVISORY NUMBER 19

NWS CENTRAL PACIFIC HURRICANE CENTER HONOLULU HI EP062013

500 AM HST MON JUL 29 2013

...FLOSSIE WEAKENING AS IT APPROACHES MAIN HAWAIIAN ISLANDS...

WATCHES AND WARNINGS

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CHANGES WITH THIS ADVISORY...

A TROPICAL STORM WARNING HAS BEEN ISSUED FOR KAUAI AND NIIHAU.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT...

A TROPICAL STORM WARNING IS IN EFFECT FOR...

\*HAWAII COUNTY

\*MAUI COUNTY...INCLUDING THE ISLANDS OF MAUI...MOLOKAI...LANAI AND  
KAHOOLAWE

\*OAHU

\*KAUAI AND NIIHAU

A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE  
EXPECTED.

FOR STORM INFORMATION SPECIFIC TO YOUR AREA...PLEASE MONITOR  
PRODUCTS ISSUED BY THE NATIONAL WEATHER FORECAST OFFICE IN  
HONOLULU.

DISCUSSION AND 48-HOUR OUTLOOK

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AT 500 AM HST...1500 UTC...THE CENTER OF TROPICAL STORM FLOSSIE WAS LOCATED NEAR ABOUT 120 MI ENE OF HILO HAWAII AND ABOUT 290 MI E OF HONOLULU HAWAII. FLOSSIE IS MOVING TOWARD THE WEST-NORTHWEST NEAR 16 MPH...AND THIS MOTION IS EXPECTED TO CONTINUE FOR THE NEXT 48 HOURS.

MAXIMUM SUSTAINED WINDS ARE NEAR 45 MPH...WITH HIGHER GUSTS. SOME WEAKENING IS FORECAST DURING THE NEXT 48 HOURS.

TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 105 MILES...FROM THE CENTER.

ESTIMATED MINIMUM CENTRAL PRESSURE IS 1000 MB.

HAZARDS AFFECTING LAND

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WIND...TROPICAL STORM CONDITIONS ARE EXPECTED TO REACH THE BIG ISLAND THIS MORNING...MAUI COUNTY BY LATE MORNING AND OAHU THIS EVENING AND KAUAI COUNTY LATER TONIGHT.

RAINFALL...HEAVY RAINFALL IS EXPECTED TO BEGIN THIS MORNING OVER HAWAII COUNTY AND THIS AFTERNOON OVER MAUI COUNTY...WITH HEAVY RAIN SPREADING TO OAHU TONIGHT. FLOSSIE IS EXPECTED TO PRODUCE TOTAL RAINFALL AMOUNTS OF 6 TO 10 INCHES OVER THE BIG ISLAND AND MAUI COUNTY...WITH ISOLATED MAXIMUM AMOUNTS OF 15 INCHES POSSIBLE...MAINLY WINDWARD. RAINFALL AMOUNTS OF 4 TO 8 INCHES ARE POSSIBLE OVER OAHU AND KAUAI...WITH ISOLATED MAXIMUM AMOUNTS OF 12 INCHES POSSIBLE...MAINLY WINDWARD. THIS RAINFALL COULD CAUSE LIFE-THREATENING FLASH FLOODS AND MUD SLIDES...ESPECIALLY IN THE MOUNTAINS.

SURF...DANGEROUSLY HIGH SURF IS HAMMERING EAST FACING SHORES OF THE BIG ISLAND. SURF WILL SPREAD TO THE REST OF THE ISLANDS TODAY AND CONTINUE INTO TUESDAY. THE BIG SURF MAY CAUSE COASTAL ROAD CLOSURES...EVEN BEFORE THE STORM ARRIVES. PLEASE SEE THE LATEST HURRICANE LOCAL STATEMENT FOR INFORMATION SPECIFIC TO YOUR AREA.

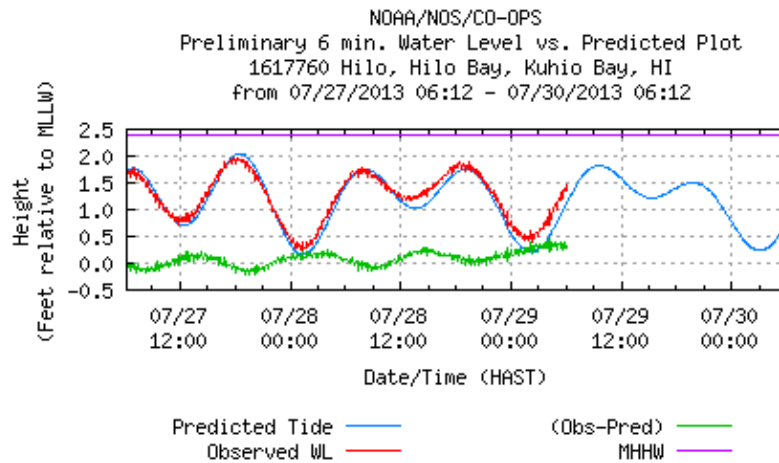
FORECASTER DONALDSON

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Tropical Storm FLOSSIE QuickLook, POSTED 06:00 HST 07/29/2013

Jump to: [Hilo, Hilo Bay, Kuhio Bay - Water Level](#), [Hilo, Hilo Bay, Kuhio Bay - Winds](#), [Hilo, Hilo Bay, Kuhio Bay - Barometric](#), [Hilo, Hilo Bay, Kuhio Bay - Air/Water Temp](#), [Kawaihae - Water Level](#), [Kawaihae - Winds](#), [Kawaihae - Barometric](#), [Kawaihae - Air/Water Temp](#), [Kahului, Kahului Harbor - Water Level](#), [Kahului, Kahului Harbor - Winds](#), [Kahului, Kahului Harbor - Barometric](#), [Mokuoloe - Water Level](#), [Mokuoloe - Winds](#), [Mokuoloe - Barometric](#), [Honolulu - Water Level](#), [Honolulu - Winds](#), [Honolulu - Barometric](#), [Nawiliwili - Water Level](#)

Hilo, Hilo Bay, Kuhio Bay, HI - Return to List

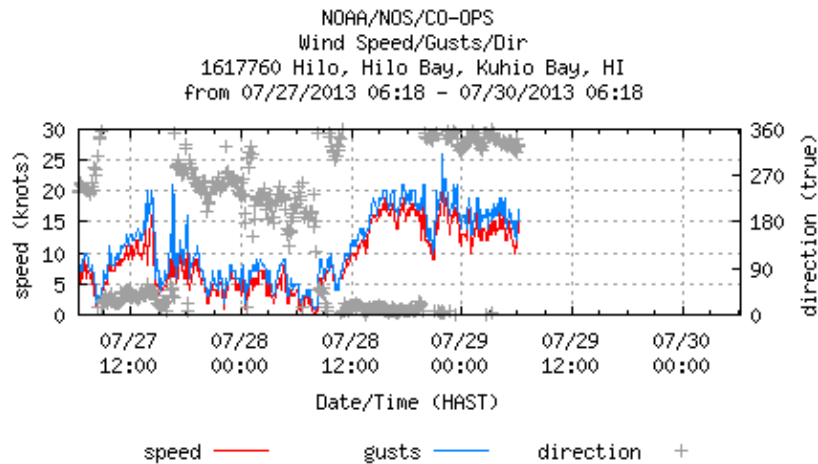


Last Observed Sample: 07/29/2013 06:12 (HAST)

Relative to MLLW: **Observed: 1.53 ft.** **Predicted: 1.17 ft.** **Residual: 0.36 ft.**

Historical Maximum Water Level: Jan 20 1981, 3.77 ft. above MLLW

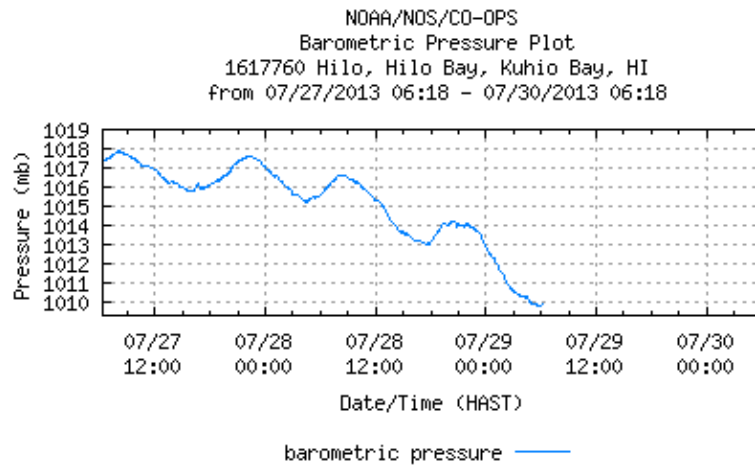
Hilo, Hilo Bay, Kuhio Bay, HI - Return to List



Last Observed Sample: 07/29/2013 06:12 (HAST)

**Wind Speed: 15 knots** **Gusts: 17 knots** **Direction: 330° T**

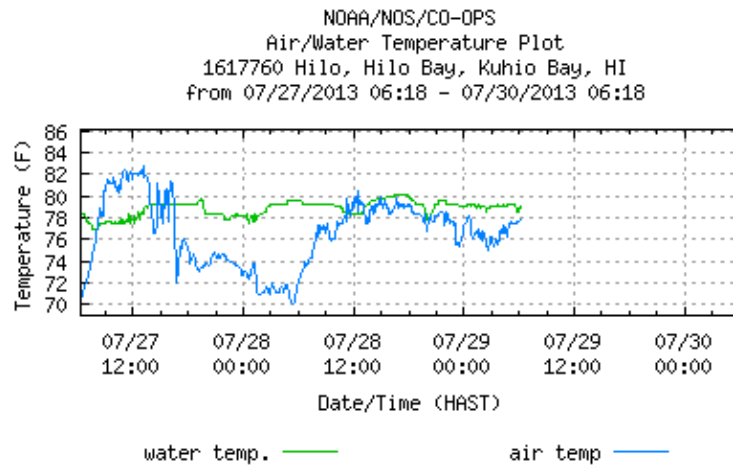
[Hilo, Hilo Bay, Kuhio Bay, HI - Return to List](#)



Last Observed Sample: 07/29/2013 06:12 (HAST)

Barometric Pressure: 1009.9 mb

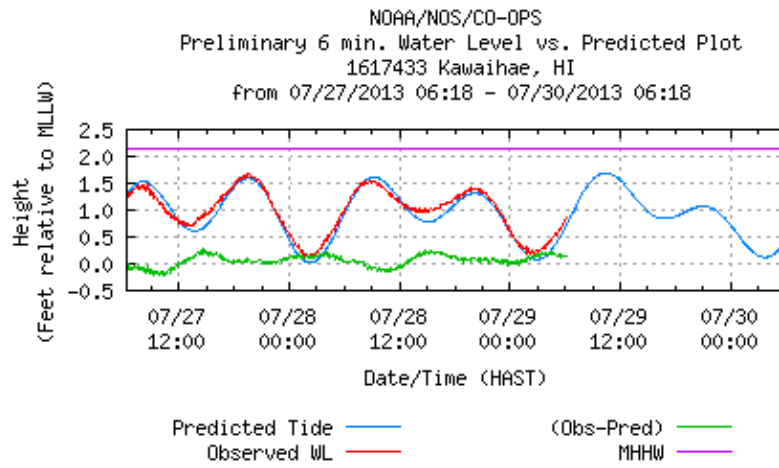
[Hilo, Hilo Bay, Kuhio Bay, HI - Return to List](#)



Last Observed Sample: 07/29/2013 06:12 (HAST)

Water Temperature: 78.8° F Air Temperature: 77.9° F

Kawaihae, HI - Return to List

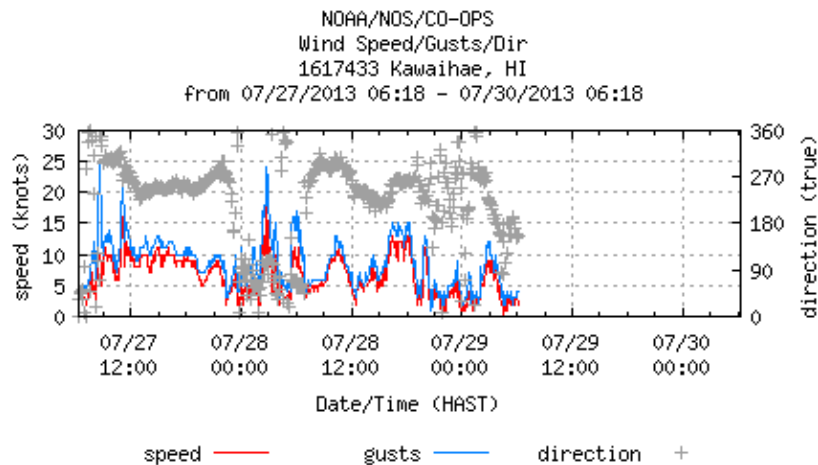


Last Observed Sample: 07/29/2013 06:06 (HAST)

Relative to MLLW: **Observed: 0.84 ft.** **Predicted: 0.71 ft.** **Residual: 0.13 ft.**

Historical Maximum Water Level: Dec 13 2008, 3.38 ft. above MLLW

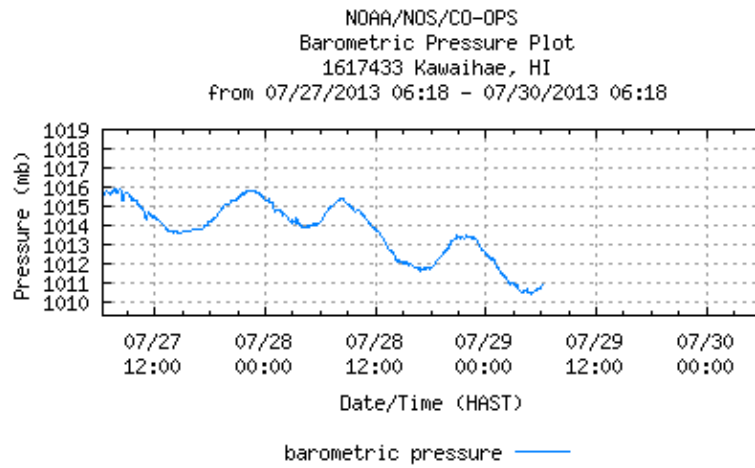
Kawaihae, HI - Return to List



Last Observed Sample: 07/29/2013 06:06 (HAST)

**Wind Speed: 2 knots** **Gusts: 4 knots** **Direction: 155° T**

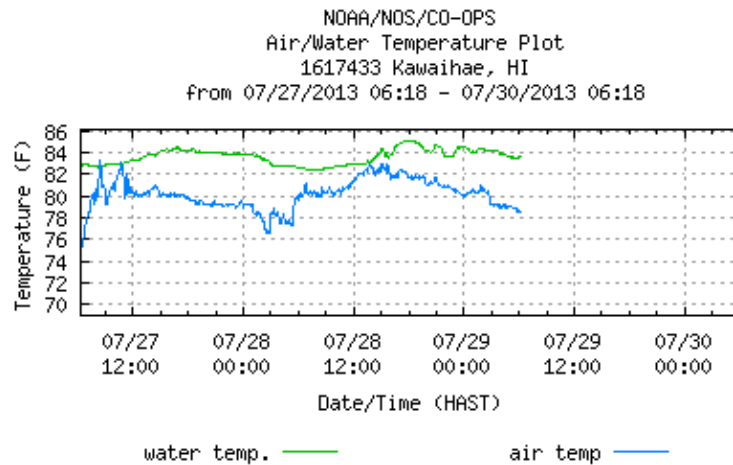
[Kawaihae, HI - Return to List](#)



Last Observed Sample: 07/29/2013 06:06 (HAST)

Barometric Pressure: 1010.9 mb

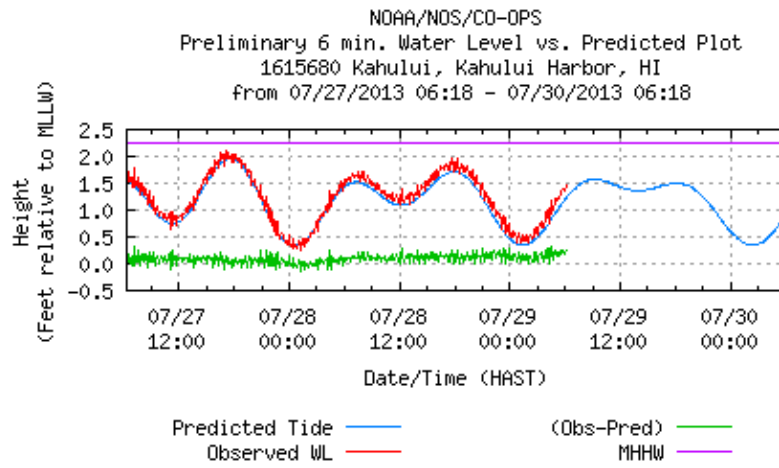
[Kawaihae, HI - Return to List](#)



Last Observed Sample: 07/29/2013 06:06 (HAST)

Water Temperature: 83.7° F Air Temperature: 78.6° F

Kahului, Kahului Harbor, HI - Return to List

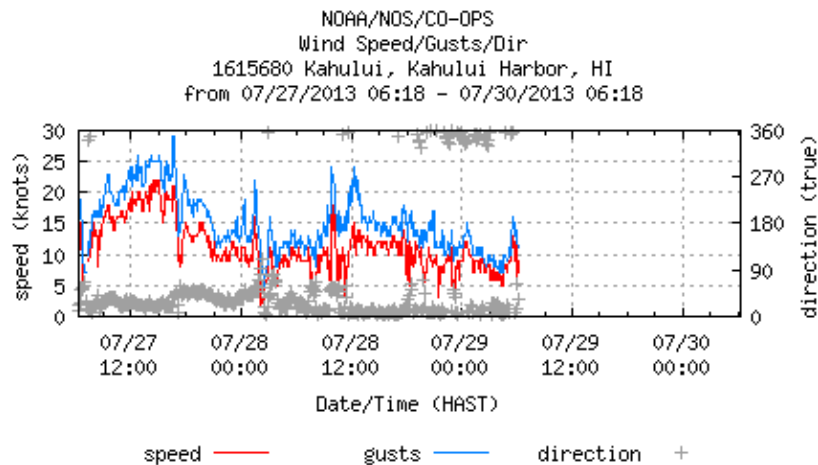


Last Observed Sample: 07/29/2013 06:06 (HAST)

Relative to MLLW: **Observed: 1.46 ft.** **Predicted: 1.22 ft.** **Residual: 0.24 ft.**

Historical Maximum Water Level: Dec 20 1968, 3.48 ft. above MLLW

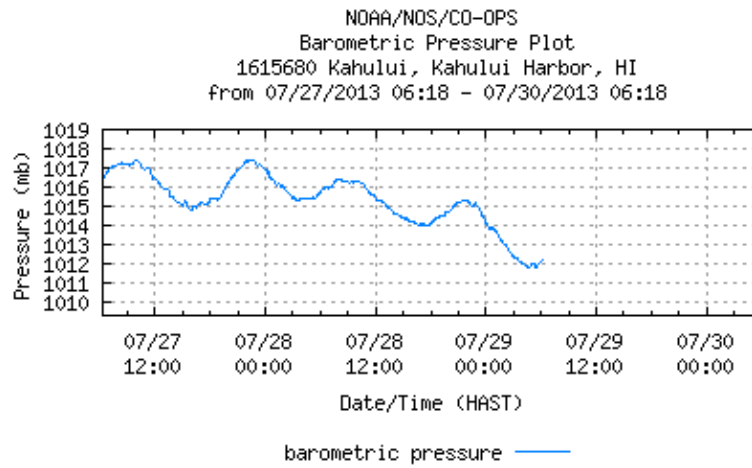
Kahului, Kahului Harbor, HI - Return to List



Last Observed Sample: 07/29/2013 06:06 (HAST)

**Wind Speed: 9 knots** **Gusts: 11 knots** **Direction: 35° T**

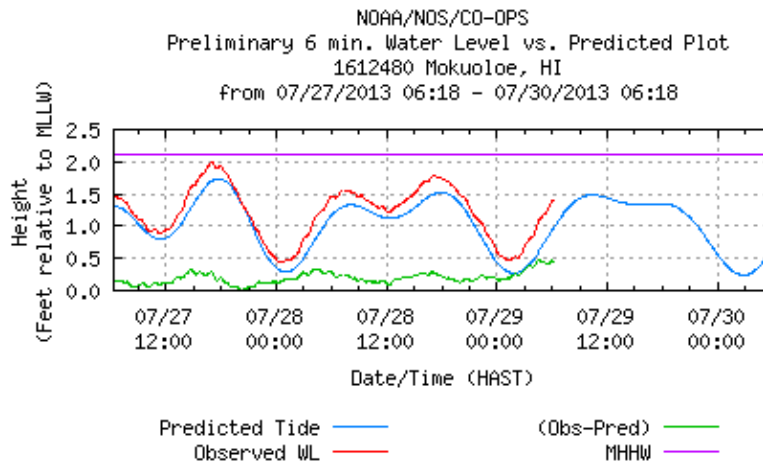
Kahului, Kahului Harbor, HI - Return to List



Last Observed Sample: 07/29/2013 06:06 (HAST)

Barometric Pressure: 1012.2 mb

Mokuoloe, HI - Return to List

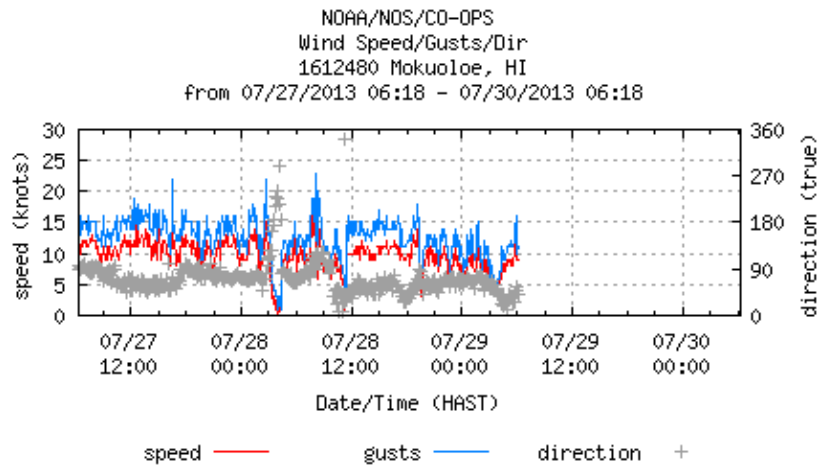


Last Observed Sample: 07/29/2013 06:06 (HAST)

Relative to MLLW: Observed: 1.40 ft. Predicted: 0.96 ft. Residual: 0.44 ft.

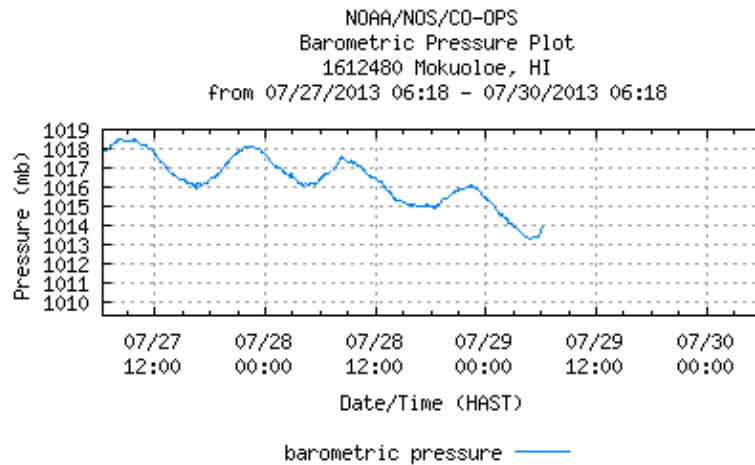
Historical Maximum Water Level: Jan 8 1974, 3.58 ft. above MLLW

Mokuoloe, HI - Return to List



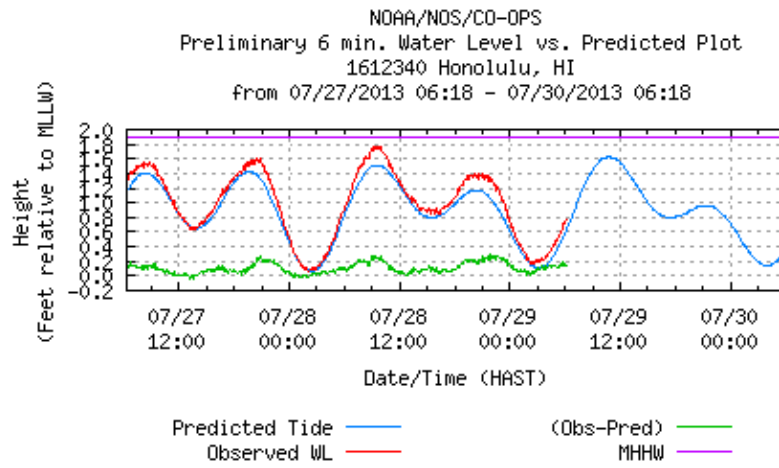
Last Observed Sample: 07/29/2013 06:06 (HAST)  
Wind Speed: 9 knots Gusts: 11 knots Direction: 42° T

Mokuoloe, HI - Return to List



Last Observed Sample: 07/29/2013 06:06 (HAST)  
Barometric Pressure: 1013.9 mb

Honolulu, HI - Return to List

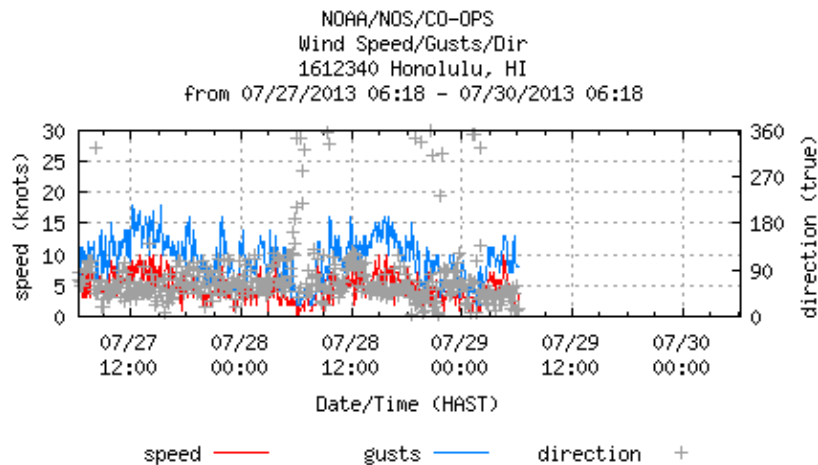


Last Observed Sample: 07/29/2013 06:06 (HAST)

Relative to MLLW: **Observed: 0.76 ft.** **Predicted: 0.62 ft.** **Residual: 0.14 ft.**

Historical Maximum Water Level: Feb 14 1967, 3.39 ft. above MLLW

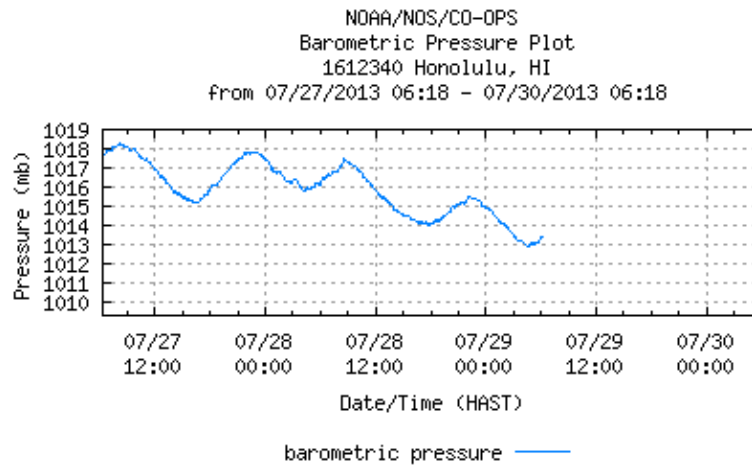
Honolulu, HI - Return to List



Last Observed Sample: 07/29/2013 06:06 (HAST)

**Wind Speed: 2 knots** **Gusts: 8 knots** **Direction: 14° T**

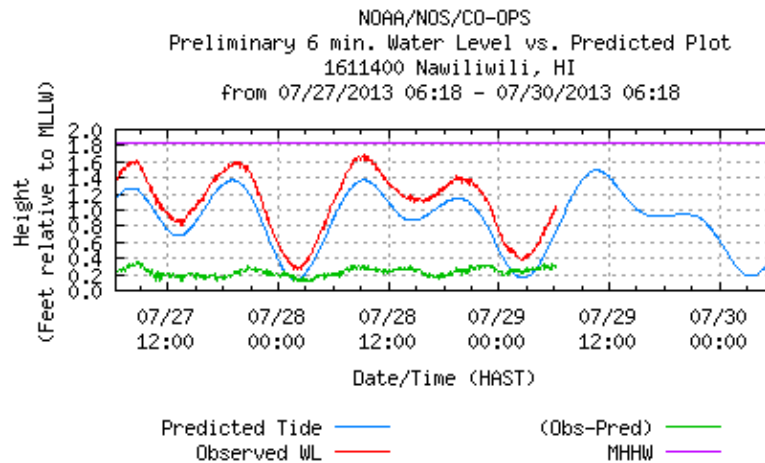
Honolulu, HI - Return to List



Last Observed Sample: 07/29/2013 06:06 (HAST)

Barometric Pressure: 1013.4 mb

Nawiliwili, HI - Return to List



Last Observed Sample: 07/29/2013 06:12 (HAST)

Relative to MLLW: Observed: 1.05 ft. Predicted: 0.74 ft. Residual: 0.31 ft.

Historical Maximum Water Level: Sep 11 1992, 4.98 ft. above MLLW